

City of San Diego
Water Operations Division
Water Quality Laboratory

Coliform Bacteria and Turbidity Results in New Mains
For the Week of July 23, 2007 to July 27, 2007

| Sample Date | Work Order Number | WAO Number | Location (Sample Station) | Laboratory/Field Analysis | Field Result | Laboratory Result | Pass/Fail |
|-------------|-------------------|------------|-----------------------------------|---------------------------|------------------------------|-------------------|-----------|
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | FREE CHLORINE | ND | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | TOTAL CHLORINE | 1.61 | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | PH | 8.37 | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | TEMPERATURE | 27.4 | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | E_COLI | | A | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | TOTAL COLIFORM | | A | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | PLATE COUNT | | 1 | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #1" | TURBIDITY | | 0.19 | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | FREE CHLORINE | ND | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | TOTAL CHLORINE | 1.45 | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | PH | 8.21 | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | TEMPERATURE | 28.8 | | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | E_COLI | | A | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | TOTAL COLIFORM | | A | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | PLATE COUNT | | 1 | Pass |
| 24-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #1" | TURBIDITY | | 0.2 | Pass |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | FREE CHLORINE | Residual Chlorine < 0.2 mg/L | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | TOTAL CHLORINE | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | PH | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | TEMPERATURE | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | E_COLI | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | TOTAL COLIFORM | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | PLATE COUNT | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 17 SHT4 2 COPPER W.S. #2" | TURBIDITY | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | FREE CHLORINE | Residual Chlorine < 0.2 mg/L | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | TOTAL CHLORINE | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | PH | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | TEMPERATURE | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | E_COLI | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | TOTAL COLIFORM | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | PLATE COUNT | | | Fail |
| 25-Jul-07 | 427749 | 1337023 | SECTION 1 SHT5 2 COPPER W.S. #2" | TURBIDITY | | | Fail |

EXPECTED RESULTS:

E-COLI=A=ABSENT/100ml
T-COLIFORM=A=ABSENT/100ml
PLATE COUNT<500 CFU/1ml
TURBIDITY<5.0 NTU
TOTAL CL2 = .2mg/L - 4.0 mg/L
pH = 6.5 - 8.5 ± .2

SYMBOLS:

A = ABSENT
P=PRESENT
E=ESTIMATED
< = LESS THAN
> = GREATER THAN

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|-------------|-------------------|------------|--|---------------------------|--------------|-------------------|-----------|
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | FREE CHLORINE | ND | | Pass |
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | TOTAL CHLORINE | 2.14 | | Pass |
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | PH | 8.56 | | Pass |
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | TEMPERATURE | 27 | | Pass |
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | E_COLI | | A | Pass |
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | TOTAL COLIFORM | | A | Pass |
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | PLATE COUNT | | < 1.0 | Pass |
| 25-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#1 | TURBIDITY | | 0.12 | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | FREE CHLORINE | 0.11 | | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | TOTAL CHLORINE | 2.4 | | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | PH | 8.38 | | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | TEMPERATURE | 25.1 | | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | E_COLI | | A | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | TOTAL COLIFORM | | A | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | PLATE COUNT | | < 1.0 | Pass |
| 26-Jul-07 | 427443 | | STA 10+81 SHT1D WATER EASEMENT (HOME DEPOT SITE)#2 | TURBIDITY | | 0.4 | Pass |

EXPECTED RESULTS:

E-COLI=A=ABSENT/100ml
T-COLIFORM=A=ABSENT/100ml
PLATE COUNT<500 CFU/1ml
TURBIDITY<5.0 NTU
TOTAL CL2 = .2mg/L - 4.0 mg/L
pH = 6.5 - 8.5 ± .2

SYMBOLS:

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> = GREATER THAN